

DATA FOR
VOLATILE ORGANICS
SEMI-VOLATILE ORGANICS
GC SEMI-VOLATILES
METALS

PROJECT NAME : RFP 422

WESTON SOLUTIONS, INC.
Raritan Plaza Suite 201
1090 King Georges Post Road
Edison, NJ - 08837-3703
Phone No: 732-585-4410

ORDER ID : H5867
ATTENTION : Smita Sumbaly



DoD ELAP



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Date : 12/12/2016

Dear Smita Sumbaly,

11 soil samples for the **RFP 422** project were received on **12/06/2016**. The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Jordan Hedvat

908-728-3144

Jordan@chemtech.net

Weston Solutions, Inc.

DateShipped: 12/5/2016

CarrierName: FedEx

AirbillNo: 7778 6685 6570

CHAIN OF CUSTODY RECORD

Case #: 422

Contact Name: Peter Lisichenko

Contact Phone: 603-512-4350

No: 2-120516-130200-0008

Cooler #:

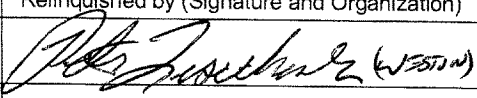
Lab: Chemtech

Lab Phone: 908-789-8900

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	N002-WD-A5-01-01	N002-WD-A5	TCLP VOCs	Soil	12/5/2016	12:35	2	4 oz	4 C	Y
	N002-WD-A5-01-01	N002-WD-A5	TCLP SVOCs	Soil	12/5/2016	12:35	2	8 oz	4 C	Y
	N002-WD-A5-01-01	N002-WD-A5	TCLP Pesticides	Soil	12/5/2016	12:35	2	8 oz	4 C	Y
	N002-WD-A5-01-01	N002-WD-A5	TCLP Herbicides	Soil	12/5/2016	12:35	2	8 oz	4 C	Y
	N002-WD-A5-01-01	N002-WD-A5	TCLP Metals (including Hg)	Soil	12/5/2016	12:35	2	8 oz	4 C	Y
	N002-WD-A5-01-02	N002-WD-A5	TCLP VOCs	Soil	12/5/2016	12:40	1	4 oz	4 C	N
	N002-WD-A5-01-02	N002-WD-A5	TCLP SVOCs	Soil	12/5/2016	12:40	1	8 oz	4 C	N
	N002-WD-A5-01-02	N002-WD-A5	TCLP Pesticides	Soil	12/5/2016	12:40	1	8 oz	4 C	N
	N002-WD-A5-01-02	N002-WD-A5	TCLP Herbicides	Soil	12/5/2016	12:40	1	8 oz	4 C	N
	N002-WD-A5-01-02	N002-WD-A5	TCLP Metals (including Hg)	Soil	12/5/2016	12:40	1	8 oz	4 C	N
	N002-WD-A5-02-01	N002-WD-A5	TCLP VOCs	Soil	12/5/2016	12:30	1	4 oz	4 C	N
	N002-WD-A5-02-01	N002-WD-A5	TCLP SVOCs	Soil	12/5/2016	12:30	1	8 oz	4 C	N
	N002-WD-A5-02-01	N002-WD-A5	TCLP Pesticides	Soil	12/5/2016	12:30	1	8 oz	4 C	N
	N002-WD-A5-02-01	N002-WD-A5	TCLP Herbicides	Soil	12/5/2016	12:30	1	8 oz	4 C	N
	N002-WD-A5-02-01	N002-WD-A5	TCLP Metals (including Hg)	Soil	12/5/2016	12:30	1	8 oz	4 C	N
	N002-WD-A5-03-01	N002-WD-A5	TCLP VOCs	Soil	12/5/2016	12:25	1	4 oz	4 C	N
	N002-WD-A5-03-01	N002-WD-A5	TCLP SVOCs	Soil	12/5/2016	12:25	1	8 oz	4 C	N
	N002-WD-A5-03-01	N002-WD-A5	TCLP Pesticides	Soil	12/5/2016	12:25	1	8 oz	4 C	N
	N002-WD-A5-03-01	N002-WD-A5	TCLP Herbicides	Soil	12/5/2016	12:25	1	8 oz	4 C	N

Special Instructions: TAT: 4 days verbal, 2 weeks written.
 Need electronic verbal to tim.benton@westonsolutions.com

SAMPLES TRANSFERRED FROM
 CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL SAMPLES ALL ANALYSES	 (WESTON)	12/5/16 12:00:45			
	FedEx	10:00 12-6-16	C. Sena	10:00 12-6-16	3.8

Weston Solutions, Inc.

DateShipped: 12/5/2016

CarrierName: FedEx

AirbillNo: 7778 6685 6570

CHAIN OF CUSTODY RECORD

Case #: 422

Contact Name: Peter Lisichenko

Contact Phone: 603-512-4350

No: 2-120516-130200-0008

Cooler #:

Lab: Chemtech

Lab Phone: 908-789-8900

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	N002-WD-A5-03-01	N002-WD-A5	TCLP Metals (including Hg)	Soil	12/5/2016	12:25	1	8 oz	4 C	N
	N002-WD-A5-04-01	N002-WD-A5	TCLP VOCs	Soil	12/5/2016	12:20	1	4 oz	4 C	N
	N002-WD-A5-04-01	N002-WD-A5	TCLP SVOCs	Soil	12/5/2016	12:20	1	8 oz	4 C	N
	N002-WD-A5-04-01	N002-WD-A5	TCLP Pesticides	Soil	12/5/2016	12:20	1	8 oz	4 C	N
	N002-WD-A5-04-01	N002-WD-A5	TCLP Herbicides	Soil	12/5/2016	12:20	1	8 oz	4 C	N
	N002-WD-A5-04-01	N002-WD-A5	TCLP Metals (including Hg)	Soil	12/5/2016	12:20	1	8 oz	4 C	N
	N002-WD-A5-05-01	N002-WD-A5	TCLP VOCs	Soil	12/5/2016	12:15	1	4 oz	4 C	N
	N002-WD-A5-05-01	N002-WD-A5	TCLP SVOCs	Soil	12/5/2016	12:15	1	8 oz	4 C	N
	N002-WD-A5-05-01	N002-WD-A5	TCLP Pesticides	Soil	12/5/2016	12:15	1	8 oz	4 C	N
	N002-WD-A5-05-01	N002-WD-A5	TCLP Herbicides	Soil	12/5/2016	12:15	1	8 oz	4 C	N
	N002-WD-A5-05-01	N002-WD-A5	TCLP Metals (including Hg)	Soil	12/5/2016	12:15	1	8 oz	4 C	N
	N002-WD-A5-06-01	N002-WD-A5	TCLP VOCs	Soil	12/5/2016	12:10	1	4 oz	4 C	N
	N002-WD-A5-06-01	N002-WD-A5	TCLP SVOCs	Soil	12/5/2016	12:10	1	8 oz	4 C	N
	N002-WD-A5-06-01	N002-WD-A5	TCLP Pesticides	Soil	12/5/2016	12:10	1	8 oz	4 C	N
	N002-WD-A5-06-01	N002-WD-A5	TCLP Herbicides	Soil	12/5/2016	12:10	1	8 oz	4 C	N
	N002-WD-A5-06-01	N002-WD-A5	TCLP Metals (including Hg)	Soil	12/5/2016	12:10	1	8 oz	4 C	N
	N002-WD-OF-02-01	N002-WD-OF	TCLP VOCs	Soil	12/5/2016	12:05	1	4 oz	4 C	N
	N002-WD-OF-02-01	N002-WD-OF	TCLP SVOCs	Soil	12/5/2016	12:05	1	8 oz	4 C	N
	N002-WD-OF-02-01	N002-WD-OF	TCLP Pesticides	Soil	12/5/2016	12:05	1	8 oz	4 C	N

Special Instructions: TAT: 4 days verbal, 2 weeks written.
 Need electronic verbal to tim.benton@westonsolutions.com

SAMPLES TRANSFERRED FROM
 CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL SAMPLES ALL ANALYSIS	<i>Peter Lisichenko</i> (WESTON)	12/5/16 1700hrs			
	Fedex	10:00 12-6-16	C. Laro	10:00 12-6-16	3.8

Case #: 422

Contact Name: Peter Lisichenko
Contact Phone: 603-512-4350

No: 2-120516-130200-0008

Cooler #:

Lab: Chemtech

Lab Phone: 908-789-8900

[illegible]

Special Instructions: TAT: 4 days verbal, 2 weeks written.
Need electronic verbal to tim.benton@westonsolutions.com

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL SAMPLES ALL ANALYSIS	<i>Pete Sanchez</i> (WESTON)	12/5/16 1700hrs			
	Fedex	10:00 12-6-16	C. Peña	10:00 12-6-16	3.8 ✓

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-01-01	SDG No.:	H5867
Lab Sample ID:	H5867-01	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091474.D	1	12/07/16 09:01	12/07/16 17:26	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	94.4		10 - 130		63%	SPK: 150
13127-88-3	Phenol-d6	89.3		10 - 130		60%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.1		36 - 131		65%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.4		39 - 131		74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		25 - 155		86%	SPK: 150
1718-51-0	Terphenyl-d14	62.1		23 - 130		62%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170687	6.84				
1146-65-2	Naphthalene-d8	708069	8.12				
15067-26-2	Acenaphthene-d10	384640	9.86				
1517-22-2	Phenanthrene-d10	783453	11.35				
1719-03-5	Chrysene-d12	613450	13.98				
1520-96-3	Perylene-d12	154539	15.4				



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-01-01	SDG No.:	H5867			
Lab Sample ID:	H5867-01	Matrix:	TCLP			
Analytical Method:	SW8270	% Moisture:	100			
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type:		Decanted :	N	Level :	LOW	
Injection Volume:		GPC Factor :	1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091474.D	1	12/07/16 09:01	12/07/16 17:26	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16		
Project:	RFP 422	Date Received:	12/06/16		
Client Sample ID:	N002-WD-A5-01-01	SDG No.:	H5867		
Lab Sample ID:	H5867-01	Matrix:	TCLP		
Analytical Method:	SW8151A	% Moisture:	100	Decanted:	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000 uL
Soil Aliquot Vol			uL	Test:	TCLP Herbicide
Extraction Type:				Injection Volume:	
GPC Factor :	1.0	PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP017275.D	1	12/07/16 09:10	12/12/16 11:49	PB95117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	3.5	U	3.5	5	20	ug/L
93-72-1	2,4,5-TP (Silvex)	1.5	U	1.5	5	20	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	277		43 - 172		56%	SPK: 500

Comments:

U = Not Detected

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P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-01-01	SDG No.:	H5867
Lab Sample ID:	H5867-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	12/07/16 11:30	12/07/16 15:40	SW6010
7440-39-3	Barium	559		1	40	125	500	ug/L	12/07/16 11:30	12/07/16 15:40	SW6010
7440-43-9	Cadmium	5	U	1	5	7.5	30	ug/L	12/07/16 11:30	12/07/16 15:40	SW6010
7440-47-3	Chromium	11	U	1	11	12.5	50	ug/L	12/07/16 11:30	12/07/16 15:40	SW6010
7439-92-1	Lead	15	U	1	15	15.0	60	ug/L	12/07/16 11:30	12/07/16 15:40	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	12/07/16 11:52	12/08/16 11:12	SW7470A
7782-49-2	Selenium	48	U	1	48	50.0	100	ug/L	12/07/16 11:30	12/07/16 15:40	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	12/07/16 11:30	12/07/16 15:40	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP-FULL			

U = Not Detected
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Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-01-01	SDG No.:	H5867			
Lab Sample ID:	H5867-01	Matrix:	TCLP			
Analytical Method:	SW8081	% Moisture:	100	Decanted:		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol			uL	Test:	TCLP Pesticide	
Extraction Type:				Injection Volume:		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD037162.D	1	12/07/16 10:12	12/07/16 18:31	PB95109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	0.1	0.5	ug/L
76-44-8	Heptachlor	0.069	U	0.069	0.1	0.5	ug/L
1024-57-3	Heptachlor epoxide	0.067	U	0.067	0.1	0.5	ug/L
72-20-8	Endrin	0.058	U	0.058	0.1	0.5	ug/L
72-43-5	Methoxychlor	0.05	U	0.05	0.1	0.5	ug/L
8001-35-2	Toxaphene	1	U	1	1	5	ug/L
57-74-9	Chlordane	1	U	1	1	5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.2		10 - 192		91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		10 - 172		93%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-01-01	SDG No.:	H5867
Lab Sample ID:	H5867-01	Matrix:	TCLP
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN037490.D	5		12/07/16 16:54	VN120716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	1.7	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.4	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	6.6	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	1	U	1	2.5	25	ug/L
67-66-3	Chloroform	1.7	U	1.7	2.5	25	ug/L
71-43-2	Benzene	1.6	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	2.4	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	1.4	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	1.4	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.5		61 - 141		89%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		69 - 133		99%	SPK: 50
2037-26-5	Toluene-d8	48.2		65 - 126		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		58 - 135		86%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1607690	7.86				
540-36-3	1,4-Difluorobenzene	2267590	8.78				
3114-55-4	Chlorobenzene-d5	1880120	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	760067	13.52				

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LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-01-02	SDG No.:	H5867
Lab Sample ID:	H5867-04	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091492.D	1	12/07/16 09:01	12/08/16 01:49	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	93.3		10 - 130		62%	SPK: 150
13127-88-3	Phenol-d6	81.8		10 - 130		55%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.8		36 - 131		71%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.5		39 - 131		89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		25 - 155		84%	SPK: 150
1718-51-0	Terphenyl-d14	85.4		23 - 130		85%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150392	6.84				
1146-65-2	Naphthalene-d8	570673	8.12				
15067-26-2	Acenaphthene-d10	283302	9.86				
1517-22-2	Phenanthrene-d10	566310	11.35				
1719-03-5	Chrysene-d12	355445	13.98				
1520-96-3	Perylene-d12	127132	15.4				



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-01-02	SDG No.:	H5867			
Lab Sample ID:	H5867-04	Matrix:	TCLP			
Analytical Method:	SW8270	% Moisture:	100			
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type:		Decanted :	N	Level :	LOW	
Injection Volume:		GPC Factor :	1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091492.D	1	12/07/16 09:01	12/08/16 01:49	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

() = Laboratory InHouse Limit



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16		
Project:	RFP 422	Date Received:	12/06/16		
Client Sample ID:	N002-WD-A5-01-02	SDG No.:	H5867		
Lab Sample ID:	H5867-04	Matrix:	TCLP		
Analytical Method:	SW8151A	% Moisture:	100	Decanted:	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000 uL
Soil Aliquot Vol			uL	Test:	TCLP Herbicide
Extraction Type:				Injection Volume:	
GPC Factor :	1.0	PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP017276.D	1	12/07/16 09:10	12/12/16 12:15	PB95117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	3.5	U	3.5	5	20	ug/L
93-72-1	2,4,5-TP (Silvex)	1.5	U	1.5	5	20	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	364		43 - 172		73%	SPK: 500

Comments:

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-01-02	SDG No.:	H5867
Lab Sample ID:	H5867-04	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	12/07/16 11:30	12/07/16 16:05	SW6010
7440-39-3	Barium	544		1	40	125	500	ug/L	12/07/16 11:30	12/07/16 16:05	SW6010
7440-43-9	Cadmium	5	U	1	5	7.5	30	ug/L	12/07/16 11:30	12/07/16 16:05	SW6010
7440-47-3	Chromium	14.3	J	1	11	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:05	SW6010
7439-92-1	Lead	15	U	1	15	15.0	60	ug/L	12/07/16 11:30	12/07/16 16:05	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	12/07/16 11:52	12/08/16 11:25	SW7470A
7782-49-2	Selenium	48	U	1	48	50.0	100	ug/L	12/07/16 11:30	12/07/16 16:05	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:05	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP-FULL			

U = Not Detected
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MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	12/05/16	
Project:	RFP 422		Date Received:	12/06/16	
Client Sample ID:	N002-WD-A5-01-02		SDG No.:	H5867	
Lab Sample ID:	H5867-04		Matrix:	TCLP	
Analytical Method:	SW8081		% Moisture:	100	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume:		
GPC Factor :	1.0	PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD037165.D	1	12/07/16 10:12	12/07/16 19:13	PB95109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	0.1	0.5	ug/L
76-44-8	Heptachlor	0.069	U	0.069	0.1	0.5	ug/L
1024-57-3	Heptachlor epoxide	0.067	U	0.067	0.1	0.5	ug/L
72-20-8	Endrin	0.058	U	0.058	0.1	0.5	ug/L
72-43-5	Methoxychlor	0.05	U	0.05	0.1	0.5	ug/L
8001-35-2	Toxaphene	1	U	1	1	5	ug/L
57-74-9	Chlordane	1	U	1	1	5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.8		10 - 192		94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.1		10 - 172		91%	SPK: 20

Comments:

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-01-02	SDG No.:	H5867
Lab Sample ID:	H5867-04	Matrix:	TCLP
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN037493.D	5		12/07/16 18:15	VN120716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	1.7	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.4	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	6.6	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	1	U	1	2.5	25	ug/L
67-66-3	Chloroform	1.7	U	1.7	2.5	25	ug/L
71-43-2	Benzene	1.6	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	2.4	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	1.4	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	1.4	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.9		61 - 141		88%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		69 - 133		99%	SPK: 50
2037-26-5	Toluene-d8	48.4		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		58 - 135		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1578760	7.86				
540-36-3	1,4-Difluorobenzene	2229560	8.78				
3114-55-4	Chlorobenzene-d5	1838950	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	757557	13.52				

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-02-01	SDG No.:	H5867
Lab Sample ID:	H5867-05	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091493.D	1	12/07/16 09:01	12/08/16 02:17	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	85		10 - 130		57%	SPK: 150
13127-88-3	Phenol-d6	80.6		10 - 130		54%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.1		36 - 131		70%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		39 - 131		78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		25 - 155		72%	SPK: 150
1718-51-0	Terphenyl-d14	79		23 - 130		79%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162955	6.84				
1146-65-2	Naphthalene-d8	616453	8.12				
15067-26-2	Acenaphthene-d10	343900	9.86				
1517-22-2	Phenanthrene-d10	570712	11.35				
1719-03-5	Chrysene-d12	402457	13.98				
1520-96-3	Perylene-d12	335686	15.4				



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-02-01	SDG No.:	H5867
Lab Sample ID:	H5867-05	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091493.D	1	12/07/16 09:01	12/08/16 02:17	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16		
Project:	RFP 422	Date Received:	12/06/16		
Client Sample ID:	N002-WD-A5-02-01	SDG No.:	H5867		
Lab Sample ID:	H5867-05	Matrix:	TCLP		
Analytical Method:	SW8151A	% Moisture:	100	Decanted:	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000 uL
Soil Aliquot Vol			uL	Test:	TCLP Herbicide
Extraction Type:				Injection Volume:	
GPC Factor :	1.0	PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP017277.D	1	12/07/16 09:10	12/12/16 12:42	PB95117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	3.5	U	3.5	5	20	ug/L
93-72-1	2,4,5-TP (Silvex)	1.5	U	1.5	5	20	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	348		43 - 172		70%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-02-01	SDG No.:	H5867
Lab Sample ID:	H5867-05	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	12/07/16 11:30	12/07/16 16:18	SW6010
7440-39-3	Barium	565		1	40	125	500	ug/L	12/07/16 11:30	12/07/16 16:18	SW6010
7440-43-9	Cadmium	5	U	1	5	7.5	30	ug/L	12/07/16 11:30	12/07/16 16:18	SW6010
7440-47-3	Chromium	11	U	1	11	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:18	SW6010
7439-92-1	Lead	15	U	1	15	15.0	60	ug/L	12/07/16 11:30	12/07/16 16:18	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	12/07/16 11:52	12/08/16 11:27	SW7470A
7782-49-2	Selenium	48	U	1	48	50.0	100	ug/L	12/07/16 11:30	12/07/16 16:18	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:18	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP-FULL			

U = Not Detected
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N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-02-01	SDG No.:	H5867			
Lab Sample ID:	H5867-05	Matrix:	TCLP			
Analytical Method:	SW8081	% Moisture:	100	Decanted:		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	TCLP Pesticide	
Extraction Type:				Injection Volume:		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD037166.D	1	12/07/16 10:12	12/07/16 19:27	PB95109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	0.1	0.5	ug/L
76-44-8	Heptachlor	0.069	U	0.069	0.1	0.5	ug/L
1024-57-3	Heptachlor epoxide	0.067	U	0.067	0.1	0.5	ug/L
72-20-8	Endrin	0.058	U	0.058	0.1	0.5	ug/L
72-43-5	Methoxychlor	0.05	U	0.05	0.1	0.5	ug/L
8001-35-2	Toxaphene	1	U	1	1	5	ug/L
57-74-9	Chlordane	1	U	1	1	5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.5		10 - 192		93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		10 - 172		96%	SPK: 20

Comments:

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-02-01	SDG No.:	H5867
Lab Sample ID:	H5867-05	Matrix:	TCLP
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN037494.D	5		12/07/16 18:42	VN120716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	1.7	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.4	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	6.6	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	1	U	1	2.5	25	ug/L
67-66-3	Chloroform	1.7	U	1.7	2.5	25	ug/L
71-43-2	Benzene	1.6	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	2.4	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	1.4	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	1.4	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.3		61 - 141		87%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		69 - 133		99%	SPK: 50
2037-26-5	Toluene-d8	48.6		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.4		58 - 135		87%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1540090	7.86				
540-36-3	1,4-Difluorobenzene	2160750	8.78				
3114-55-4	Chlorobenzene-d5	1800380	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	757825	13.52				

U = Not Detected

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-03-01	SDG No.:	H5867
Lab Sample ID:	H5867-06	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091504.D	1	12/07/16 09:01	12/08/16 16:02	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110		10 - 130		70%	SPK: 150
13127-88-3	Phenol-d6	85.8		10 - 130		57%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.1		36 - 131		74%	SPK: 100
321-60-8	2-Fluorobiphenyl	100		39 - 131		104%	SPK: 100
118-79-6	2,4,6-Tribromophenol	170		25 - 155		113%	SPK: 150
1718-51-0	Terphenyl-d14	96.8		23 - 130		97%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161218	6.82				
1146-65-2	Naphthalene-d8	635505	8.1				
15067-26-2	Acenaphthene-d10	274407	9.85				
1517-22-2	Phenanthrene-d10	632914	11.34				
1719-03-5	Chrysene-d12	403531	13.97				
1520-96-3	Perylene-d12	28759	15.37				



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-03-01	SDG No.:	H5867			
Lab Sample ID:	H5867-06	Matrix:	TCLP			
Analytical Method:	SW8270	% Moisture:	100			
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type:		Decanted :	N	Level :	LOW	
Injection Volume:		GPC Factor :	1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091504.D	1	12/07/16 09:01	12/08/16 16:02	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16		
Project:	RFP 422	Date Received:	12/06/16		
Client Sample ID:	N002-WD-A5-03-01	SDG No.:	H5867		
Lab Sample ID:	H5867-06	Matrix:	TCLP		
Analytical Method:	SW8151A	% Moisture:	100	Decanted:	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000 uL
Soil Aliquot Vol			uL	Test:	TCLP Herbicide
Extraction Type:				Injection Volume:	
GPC Factor :	1.0	PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP017278.D	1	12/07/16 09:10	12/12/16 13:08	PB95117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	3.5	U	3.5	5	20	ug/L
93-72-1	2,4,5-TP (Silvex)	1.5	U	1.5	5	20	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	345		43 - 172		69%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-03-01	SDG No.:	H5867
Lab Sample ID:	H5867-06	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	12/07/16 11:30	12/07/16 16:22	SW6010
7440-39-3	Barium	981		1	40	125	500	ug/L	12/07/16 11:30	12/07/16 16:22	SW6010
7440-43-9	Cadmium	9.15	J	1	5	7.5	30	ug/L	12/07/16 11:30	12/07/16 16:22	SW6010
7440-47-3	Chromium	11	U	1	11	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:22	SW6010
7439-92-1	Lead	15	U	1	15	15.0	60	ug/L	12/07/16 11:30	12/07/16 16:22	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	12/07/16 11:52	12/08/16 11:29	SW7470A
7782-49-2	Selenium	48	U	1	48	50.0	100	ug/L	12/07/16 11:30	12/07/16 16:22	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:22	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP-FULL			

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MDL = Method Detection Limit
LOD = Limit of Detection
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J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-03-01	SDG No.:	H5867			
Lab Sample ID:	H5867-06	Matrix:	TCLP			
Analytical Method:	SW8081	% Moisture:	100	Decanted:		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol			uL	Test:	TCLP Pesticide	
Extraction Type:				Injection Volume:		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD037167.D	1	12/07/16 10:12	12/07/16 19:40	PB95109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	0.1	0.5	ug/L
76-44-8	Heptachlor	0.069	U	0.069	0.1	0.5	ug/L
1024-57-3	Heptachlor epoxide	0.067	U	0.067	0.1	0.5	ug/L
72-20-8	Endrin	0.058	U	0.058	0.1	0.5	ug/L
72-43-5	Methoxychlor	0.05	U	0.05	0.1	0.5	ug/L
8001-35-2	Toxaphene	1	U	1	1	5	ug/L
57-74-9	Chlordane	1	U	1	1	5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.7		10 - 192		108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		10 - 172		109%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-03-01	SDG No.:	H5867
Lab Sample ID:	H5867-06	Matrix:	TCLP
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN037495.D	5		12/07/16 19:09	VN120716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	1.7	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.4	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	6.6	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	1	U	1	2.5	25	ug/L
67-66-3	Chloroform	1.7	U	1.7	2.5	25	ug/L
71-43-2	Benzene	1.6	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	2.4	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	1.4	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	1.4	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.3		61 - 141		87%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		69 - 133		98%	SPK: 50
2037-26-5	Toluene-d8	48.5		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3		58 - 135		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1602960	7.86				
540-36-3	1,4-Difluorobenzene	2269290	8.78				
3114-55-4	Chlorobenzene-d5	1907630	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	795887	13.52				

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-04-01	SDG No.:	H5867
Lab Sample ID:	H5867-07	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091505.D	1	12/07/16 09:01	12/08/16 16:30	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110		10 - 130		75%	SPK: 150
13127-88-3	Phenol-d6	95.7		10 - 130		64%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.9		36 - 131		75%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.5		39 - 131		88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		25 - 155		97%	SPK: 150
1718-51-0	Terphenyl-d14	75.2		23 - 130		75%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137807	6.82				
1146-65-2	Naphthalene-d8	593277	8.1				
15067-26-2	Acenaphthene-d10	290598	9.85				
1517-22-2	Phenanthrene-d10	633248	11.34				
1719-03-5	Chrysene-d12	528421	13.97				
1520-96-3	Perylene-d12	53960	15.37				



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-04-01	SDG No.:	H5867			
Lab Sample ID:	H5867-07	Matrix:	TCLP			
Analytical Method:	SW8270	% Moisture:	100			
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type:		Decanted :	N	Level :	LOW	
Injection Volume:		GPC Factor :	1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091505.D	1	12/07/16 09:01	12/08/16 16:30	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-04-01	SDG No.:	H5867			
Lab Sample ID:	H5867-07	Matrix:	TCLP			
Analytical Method:	SW8151A	% Moisture:	100	Decanted:		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol			uL	Test:	TCLP Herbicide	
Extraction Type:				Injection Volume:		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP017279.D	1	12/07/16 09:10	12/12/16 13:35	PB95117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	3.5	U	3.5	5	20	ug/L
93-72-1	2,4,5-TP (Silvex)	1.5	U	1.5	5	20	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	358		43 - 172		72%	SPK: 500

Comments:

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-04-01	SDG No.:	H5867
Lab Sample ID:	H5867-07	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	12/07/16 11:30	12/07/16 16:27	SW6010
7440-39-3	Barium	517		1	40	125	500	ug/L	12/07/16 11:30	12/07/16 16:27	SW6010
7440-43-9	Cadmium	5	U	1	5	7.5	30	ug/L	12/07/16 11:30	12/07/16 16:27	SW6010
7440-47-3	Chromium	11	U	1	11	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:27	SW6010
7439-92-1	Lead	15	U	1	15	15.0	60	ug/L	12/07/16 11:30	12/07/16 16:27	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	12/07/16 11:52	12/08/16 11:31	SW7470A
7782-49-2	Selenium	48	U	1	48	50.0	100	ug/L	12/07/16 11:30	12/07/16 16:27	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:27	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP-FULL			

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N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-04-01	SDG No.:	H5867			
Lab Sample ID:	H5867-07	Matrix:	TCLP			
Analytical Method:	SW8081	% Moisture:	100	Decanted:		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	TCLP Pesticide	
Extraction Type:				Injection Volume:		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD037191.D	1	12/07/16 10:12	12/08/16 14:22	PB95109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	0.1	0.5	ug/L
76-44-8	Heptachlor	0.069	U	0.069	0.1	0.5	ug/L
1024-57-3	Heptachlor epoxide	0.067	U	0.067	0.1	0.5	ug/L
72-20-8	Endrin	0.058	U	0.058	0.1	0.5	ug/L
72-43-5	Methoxychlor	0.05	U	0.05	0.1	0.5	ug/L
8001-35-2	Toxaphene	1	U	1	1	5	ug/L
57-74-9	Chlordane	1	U	1	1	5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	22.1		10 - 192		110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		10 - 172		102%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-04-01	SDG No.:	H5867
Lab Sample ID:	H5867-07	Matrix:	TCLP
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN037496.D	5		12/07/16 19:36	VN120716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	1.7	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.4	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	6.6	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	1	U	1	2.5	25	ug/L
67-66-3	Chloroform	1.7	U	1.7	2.5	25	ug/L
71-43-2	Benzene	1.6	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	2.4	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	1.4	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	1.4	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42.7		61 - 141		85%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		69 - 133		99%	SPK: 50
2037-26-5	Toluene-d8	48.7		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.7		58 - 135		87%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1577460	7.86				
540-36-3	1,4-Difluorobenzene	2199800	8.78				
3114-55-4	Chlorobenzene-d5	1849770	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	759717	13.52				

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-05-01	SDG No.:	H5867
Lab Sample ID:	H5867-08	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091506.D	1	12/07/16 09:01	12/08/16 16:58	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	95.7		10 - 130		64%	SPK: 150
13127-88-3	Phenol-d6	91.9		10 - 130		61%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.2		36 - 131		83%	SPK: 100
321-60-8	2-Fluorobiphenyl	100		39 - 131		103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	170		25 - 155		113%	SPK: 150
1718-51-0	Terphenyl-d14	110		23 - 130		110%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202569	6.82				
1146-65-2	Naphthalene-d8	791774	8.1				
15067-26-2	Acenaphthene-d10	314880	9.85				
1517-22-2	Phenanthrene-d10	831096	11.34				
1719-03-5	Chrysene-d12	436593	13.97				
1520-96-3	Perylene-d12	31191	15.37				



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-05-01	SDG No.:	H5867			
Lab Sample ID:	H5867-08	Matrix:	TCLP			
Analytical Method:	SW8270	% Moisture:	100			
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type:		Decanted :	N	Level :	LOW	
Injection Volume:		GPC Factor :	1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091506.D	1	12/07/16 09:01	12/08/16 16:58	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16		
Project:	RFP 422	Date Received:	12/06/16		
Client Sample ID:	N002-WD-A5-05-01	SDG No.:	H5867		
Lab Sample ID:	H5867-08	Matrix:	TCLP		
Analytical Method:	SW8151A	% Moisture:	100	Decanted:	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000 uL
Soil Aliquot Vol			uL	Test:	TCLP Herbicide
Extraction Type:				Injection Volume:	
GPC Factor :	1.0	PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP017280.D	1	12/07/16 09:10	12/12/16 14:01	PB95117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	3.5	U	3.5	5	20	ug/L
93-72-1	2,4,5-TP (Silvex)	1.5	U	1.5	5	20	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	312		43 - 172		63%	SPK: 500

Comments:

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MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-05-01	SDG No.:	H5867
Lab Sample ID:	H5867-08	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	12/07/16 11:30	12/07/16 16:31	SW6010
7440-39-3	Barium	564		1	40	125	500	ug/L	12/07/16 11:30	12/07/16 16:31	SW6010
7440-43-9	Cadmium	5	U	1	5	7.5	30	ug/L	12/07/16 11:30	12/07/16 16:31	SW6010
7440-47-3	Chromium	11	U	1	11	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:31	SW6010
7439-92-1	Lead	15	U	1	15	15.0	60	ug/L	12/07/16 11:30	12/07/16 16:31	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	12/07/16 11:52	12/08/16 11:33	SW7470A
7782-49-2	Selenium	48	U	1	48	50.0	100	ug/L	12/07/16 11:30	12/07/16 16:31	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:31	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP-FULL			

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J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-05-01	SDG No.:	H5867			
Lab Sample ID:	H5867-08	Matrix:	TCLP			
Analytical Method:	SW8081	% Moisture:	100	Decanted:		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol			uL	Test:	TCLP Pesticide	
Extraction Type:				Injection Volume:		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD037192.D	1	12/07/16 10:12	12/08/16 14:35	PB95109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	0.1	0.5	ug/L
76-44-8	Heptachlor	0.069	U	0.069	0.1	0.5	ug/L
1024-57-3	Heptachlor epoxide	0.067	U	0.067	0.1	0.5	ug/L
72-20-8	Endrin	0.058	U	0.058	0.1	0.5	ug/L
72-43-5	Methoxychlor	0.05	U	0.05	0.1	0.5	ug/L
8001-35-2	Toxaphene	1	U	1	1	5	ug/L
57-74-9	Chlordane	1	U	1	1	5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	22.1		10 - 192		110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.2		10 - 172		101%	SPK: 20

Comments:

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	12/05/16	
Project:	RFP 422		Date Received:	12/06/16	
Client Sample ID:	N002-WD-A5-05-01		SDG No.:	H5867	
Lab Sample ID:	H5867-08		Matrix:	TCLP	
Analytical Method:	SW8260		% Moisture:	100	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol		uL	Test:	TCLP VOA	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN037497.D	5		12/07/16 20:03	VN120716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	1.7	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.4	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	6.6	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	1	U	1	2.5	25	ug/L
67-66-3	Chloroform	1.7	U	1.7	2.5	25	ug/L
71-43-2	Benzene	1.6	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	2.4	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	1.4	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	1.4	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.4		61 - 141		87%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		69 - 133		98%	SPK: 50
2037-26-5	Toluene-d8	48.7		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		58 - 135		88%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1566530	7.86				
540-36-3	1,4-Difluorobenzene	2199770	8.77				
3114-55-4	Chlorobenzene-d5	1844550	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	768831	13.52				

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-06-01	SDG No.:	H5867
Lab Sample ID:	H5867-09	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091507.D	1	12/07/16 09:01	12/08/16 17:25	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120		10 - 130		78%	SPK: 150
13127-88-3	Phenol-d6	99.8		10 - 130		67%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.9		36 - 131		74%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.7		39 - 131		83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		25 - 155		90%	SPK: 150
1718-51-0	Terphenyl-d14	71.7		23 - 130		72%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142352	6.82				
1146-65-2	Naphthalene-d8	610221	8.1				
15067-26-2	Acenaphthene-d10	344208	9.85				
1517-22-2	Phenanthrene-d10	663999	11.34				
1719-03-5	Chrysene-d12	584591	13.97				
1520-96-3	Perylene-d12	121489	15.37				



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-06-01	SDG No.:	H5867			
Lab Sample ID:	H5867-09	Matrix:	TCLP			
Analytical Method:	SW8270	% Moisture:	100			
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type:		Decanted :	N	Level :	LOW	
Injection Volume:		GPC Factor :	1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091507.D	1	12/07/16 09:01	12/08/16 17:25	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-A5-06-01	SDG No.:	H5867			
Lab Sample ID:	H5867-09	Matrix:	TCLP			
Analytical Method:	SW8151A	% Moisture:	100	Decanted:		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol			uL	Test:	TCLP Herbicide	
Extraction Type:				Injection Volume:		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP017281.D	1	12/07/16 09:10	12/12/16 14:28	PB95117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	3.5	U	3.5	5	20	ug/L
93-72-1	2,4,5-TP (Silvex)	1.5	U	1.5	5	20	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	376		43 - 172		75%	SPK: 500

Comments:

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-06-01	SDG No.:	H5867
Lab Sample ID:	H5867-09	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	12/07/16 11:30	12/07/16 16:35	SW6010
7440-39-3	Barium	560		1	40	125	500	ug/L	12/07/16 11:30	12/07/16 16:35	SW6010
7440-43-9	Cadmium	5	U	1	5	7.5	30	ug/L	12/07/16 11:30	12/07/16 16:35	SW6010
7440-47-3	Chromium	45.7	J	1	11	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:35	SW6010
7439-92-1	Lead	64		1	15	15.0	60	ug/L	12/07/16 11:30	12/07/16 16:35	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	12/07/16 11:52	12/08/16 11:35	SW7470A
7782-49-2	Selenium	48	U	1	48	50.0	100	ug/L	12/07/16 11:30	12/07/16 16:35	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:35	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP-FULL			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-A5-06-01	SDG No.:	H5867
Lab Sample ID:	H5867-09	Matrix:	TCLP
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD037170.D	1	12/07/16 10:12	12/07/16 20:22	PB95109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	0.1	0.5	ug/L
76-44-8	Heptachlor	0.069	U	0.069	0.1	0.5	ug/L
1024-57-3	Heptachlor epoxide	0.067	U	0.067	0.1	0.5	ug/L
72-20-8	Endrin	0.058	U	0.058	0.1	0.5	ug/L
72-43-5	Methoxychlor	0.05	U	0.05	0.1	0.5	ug/L
8001-35-2	Toxaphene	1	U	1	1	5	ug/L
57-74-9	Chlordane	1	U	1	1	5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.3		10 - 192		106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		10 - 172		105%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	12/05/16	
Project:	RFP 422		Date Received:	12/06/16	
Client Sample ID:	N002-WD-A5-06-01		SDG No.:	H5867	
Lab Sample ID:	H5867-09		Matrix:	TCLP	
Analytical Method:	SW8260		% Moisture:	100	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol		uL	Test:	TCLP VOA	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN037498.D	5		12/07/16 20:30	VN120716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	1.7	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.4	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	6.6	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	1	U	1	2.5	25	ug/L
67-66-3	Chloroform	1.7	U	1.7	2.5	25	ug/L
71-43-2	Benzene	1.6	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	2.4	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	1.4	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	1.4	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.1		61 - 141		86%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		69 - 133		99%	SPK: 50
2037-26-5	Toluene-d8	48.7		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.5		58 - 135		87%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1586310	7.86				
540-36-3	1,4-Difluorobenzene	2212280	8.78				
3114-55-4	Chlorobenzene-d5	1854570	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	769320	13.52				

U = Not Detected

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-OF-02-01	SDG No.:	H5867
Lab Sample ID:	H5867-10	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091508.D	1	12/07/16 09:01	12/08/16 17:53	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	160		10 - 130		104%	SPK: 150
13127-88-3	Phenol-d6	100		10 - 130		70%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.5		36 - 131		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.5		39 - 131		72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		25 - 155		78%	SPK: 150
1718-51-0	Terphenyl-d14	73.1		23 - 130		73%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140616	6.82				
1146-65-2	Naphthalene-d8	601955	8.1				
15067-26-2	Acenaphthene-d10	359662	9.85				
1517-22-2	Phenanthrene-d10	617984	11.34				
1719-03-5	Chrysene-d12	580978	13.97				
1520-96-3	Perylene-d12	447236	15.39				



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-OF-02-01	SDG No.:	H5867
Lab Sample ID:	H5867-10	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091508.D	1	12/07/16 09:01	12/08/16 17:53	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-OF-02-01	SDG No.:	H5867			
Lab Sample ID:	H5867-10	Matrix:	TCLP			
Analytical Method:	SW8151A	% Moisture:	100	Decanted:		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol			uL	Test:	TCLP Herbicide	
Extraction Type:				Injection Volume:		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP017282.D	1	12/07/16 09:10	12/12/16 14:54	PB95117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	3.5	U	3.5	5	20	ug/L
93-72-1	2,4,5-TP (Silvex)	1.5	U	1.5	5	20	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	314		43 - 172		63%	SPK: 500

Comments:

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-OF-02-01	SDG No.:	H5867
Lab Sample ID:	H5867-10	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	12/07/16 11:30	12/07/16 16:39	SW6010
7440-39-3	Barium	1040		1	40	125	500	ug/L	12/07/16 11:30	12/07/16 16:39	SW6010
7440-43-9	Cadmium	5	U	1	5	7.5	30	ug/L	12/07/16 11:30	12/07/16 16:39	SW6010
7440-47-3	Chromium	11	U	1	11	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:39	SW6010
7439-92-1	Lead	15	U	1	15	15.0	60	ug/L	12/07/16 11:30	12/07/16 16:39	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	12/07/16 11:52	12/08/16 11:38	SW7470A
7782-49-2	Selenium	48	U	1	48	50.0	100	ug/L	12/07/16 11:30	12/07/16 16:39	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:39	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP-FULL			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-OF-02-01	SDG No.:	H5867			
Lab Sample ID:	H5867-10	Matrix:	TCLP			
Analytical Method:	SW8081	% Moisture:	100	Decanted:		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol			uL	Test:	TCLP Pesticide	
Extraction Type:				Injection Volume:		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD037171.D	1	12/07/16 10:12	12/07/16 20:36	PB95109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	0.1	0.5	ug/L
76-44-8	Heptachlor	0.069	U	0.069	0.1	0.5	ug/L
1024-57-3	Heptachlor epoxide	0.067	U	0.067	0.1	0.5	ug/L
72-20-8	Endrin	0.058	U	0.058	0.1	0.5	ug/L
72-43-5	Methoxychlor	0.05	U	0.05	0.1	0.5	ug/L
8001-35-2	Toxaphene	1	U	1	1	5	ug/L
57-74-9	Chlordane	1	U	1	1	5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.2		10 - 192		101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		10 - 172		106%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-OF-02-01	SDG No.:	H5867
Lab Sample ID:	H5867-10	Matrix:	TCLP
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN037499.D	5		12/07/16 20:57	VN120716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	1.7	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.4	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	6.6	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	1	U	1	2.5	25	ug/L
67-66-3	Chloroform	1.7	U	1.7	2.5	25	ug/L
71-43-2	Benzene	1.6	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	2.4	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	1.4	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	1.4	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.8		61 - 141		88%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		69 - 133		99%	SPK: 50
2037-26-5	Toluene-d8	48.8		65 - 126		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.2		58 - 135		88%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1558240	7.86				
540-36-3	1,4-Difluorobenzene	2193150	8.78				
3114-55-4	Chlorobenzene-d5	1838270	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	784939	13.52				

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-OF-01-01	SDG No.:	H5867
Lab Sample ID:	H5867-11	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type:	Decanted : N	Level :	LOW
Injection Volume:	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091509.D	1	12/07/16 09:01	12/08/16 18:21	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	2	U	2	10	100	ug/L
95-48-7	2-Methylphenol	2.4	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	3.8	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	2.5	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	6.8	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	2.5	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	5.6	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	1.8	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	84.2		10 - 130		56%	SPK: 150
13127-88-3	Phenol-d6	100		10 - 130		69%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.4		36 - 131		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.3		39 - 131		79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		25 - 155		81%	SPK: 150
1718-51-0	Terphenyl-d14	66.7		23 - 130		67%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182107	6.82				
1146-65-2	Naphthalene-d8	709002	8.1				
15067-26-2	Acenaphthene-d10	372932	9.85				
1517-22-2	Phenanthrene-d10	638527	11.34				
1719-03-5	Chrysene-d12	623742	13.97				
1520-96-3	Perylene-d12	483125	15.39				



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16			
Project:	RFP 422	Date Received:	12/06/16			
Client Sample ID:	N002-WD-OF-01-01	SDG No.:	H5867			
Lab Sample ID:	H5867-11	Matrix:	TCLP			
Analytical Method:	SW8270	% Moisture:	100			
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA	
Extraction Type:		Decanted :	N	Level :	LOW	
Injection Volume:		GPC Factor :	1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF091509.D	1	12/07/16 09:01	12/08/16 18:21	PB95096

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16		
Project:	RFP 422	Date Received:	12/06/16		
Client Sample ID:	N002-WD-OF-01-01	SDG No.:	H5867		
Lab Sample ID:	H5867-11	Matrix:	TCLP		
Analytical Method:	SW8151A	% Moisture:	100	Decanted:	
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000 uL
Soil Aliquot Vol			uL	Test:	TCLP Herbicide
Extraction Type:				Injection Volume:	
GPC Factor :	1.0	PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP017283.D	1	12/07/16 09:10	12/12/16 15:21	PB95117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	3.5	U	3.5	5	20	ug/L
93-72-1	2,4,5-TP (Silvex)	1.5	U	1.5	5	20	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	244		43 - 172		49%	SPK: 500

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit



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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-OF-01-01	SDG No.:	H5867
Lab Sample ID:	H5867-11	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	12/07/16 11:30	12/07/16 16:44	SW6010
7440-39-3	Barium	1070		1	40	125	500	ug/L	12/07/16 11:30	12/07/16 16:44	SW6010
7440-43-9	Cadmium	5	U	1	5	7.5	30	ug/L	12/07/16 11:30	12/07/16 16:44	SW6010
7440-47-3	Chromium	11.3	J	1	11	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:44	SW6010
7439-92-1	Lead	15	U	1	15	15.0	60	ug/L	12/07/16 11:30	12/07/16 16:44	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	12/07/16 11:52	12/08/16 11:40	SW7470A
7782-49-2	Selenium	48	U	1	48	50.0	100	ug/L	12/07/16 11:30	12/07/16 16:44	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	12/07/16 11:30	12/07/16 16:44	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP-FULL			

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* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-OF-01-01	SDG No.:	H5867
Lab Sample ID:	H5867-11	Matrix:	TCLP
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD037172.D	1	12/07/16 10:12	12/07/16 20:50	PB95109

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.055	U	0.055	0.1	0.5	ug/L
76-44-8	Heptachlor	0.069	U	0.069	0.1	0.5	ug/L
1024-57-3	Heptachlor epoxide	0.067	U	0.067	0.1	0.5	ug/L
72-20-8	Endrin	0.058	U	0.058	0.1	0.5	ug/L
72-43-5	Methoxychlor	0.05	U	0.05	0.1	0.5	ug/L
8001-35-2	Toxaphene	1	U	1	1	5	ug/L
57-74-9	Chlordane	1	U	1	1	5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.7		10 - 192		99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		10 - 172		103%	SPK: 20

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	12/05/16
Project:	RFP 422	Date Received:	12/06/16
Client Sample ID:	N002-WD-OF-01-01	SDG No.:	H5867
Lab Sample ID:	H5867-11	Matrix:	TCLP
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN037500.D	5		12/07/16 21:24	VN120716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	1.7	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.4	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	6.6	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	1	U	1	2.5	25	ug/L
67-66-3	Chloroform	1.7	U	1.7	2.5	25	ug/L
71-43-2	Benzene	1.6	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	2.4	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	1.4	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	1.4	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42.9		61 - 141		86%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		69 - 133		98%	SPK: 50
2037-26-5	Toluene-d8	48.7		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.4		58 - 135		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1578520	7.86				
540-36-3	1,4-Difluorobenzene	2205020	8.78				
3114-55-4	Chlorobenzene-d5	1856350	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	785412	13.52				

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